

23192

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number  
**WO 2004/018943 A1**

(51) International Patent Classification<sup>7</sup>: F24C 7/06,  
A47J 37/06, 37/08

(21) International Application Number:  
PCT/EP2002/012055

(22) International Filing Date: 29 October 2002 (29.10.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
MI2002A 001818 9 August 2002 (09.08.2002) IT

(71) Applicant (for all designated States except US): DE'  
LONGHI S.p.A. [IT/IT]; Via L. Seity, 47, I-31100 Treviso  
(IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DE' LONGHI,  
Giuseppe [IT/IT]; Vicolo Rovero 1, I-31100 Treviso (IT).

(74) Agent: RAPISARDI, MariaCristina; Ufficio Brevetti  
Rapisardi S.r.L., Via Serbelloni, 12, I-20122 Milano (IT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,  
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,  
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

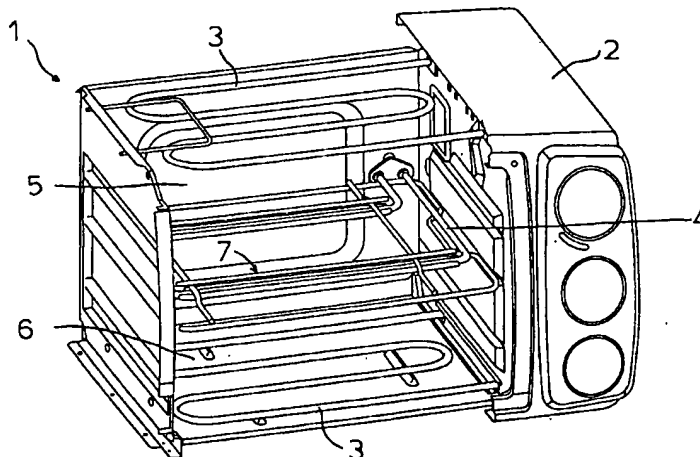
— of inventorship (Rule 4.17(iv)) for US only

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ELECTRICALLY POWERED OVEN, IN PARTICULAR FOR BAKING OR HEATING SLICED BREAD, AND HEATING PROCEDURE



(57) Abstract: The electrically powered oven, in particular for baking or heating sliced bread, comprises a box-shaped body inside which there are housed one or more electrical resistors adapted to radiate energy into the body for baking or heating sliced bread. A resistor is arranged into the body, so as to determine at least two baking chambers, and exhibits baffle means adapted to direct the radiated energy towards the baking chambers. The procedure for heating the electrically powered oven in particular for baking or heating sliced bread consists in radiating energy mainly towards the lower portion of the oven by a resistor, which is arranged in an intermediate position of the box-shaped body of the oven and which determines at least two baking chambers, so that the effect of natural convection into the two baking chambers is comparable.

WO 2004/018943 A1